

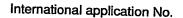
PCT

REC'D 14 SEP 2004 PCT WIPO

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference	die Nouce of the Preside	nt of the EP	O published in the OJ11/2001)
4 -33376A/SCR	FOR FURTHER ACTION	See Notificat Preliminary	ion of Transmittal of International Examination Report (Form PCT/IPEA/416)
International application No.	International filing date (day)	nonth year)	Priority date (day month year)
PCT/EP03/12709	13/11/2003		14/11/2002
International Patent Classification (IPC) or	national classification and IPC		
Applicant	C12N9/00		
NOVARTIS AG et al.			
This international preliminary exam Authority and is transmitted to the	nination report has been prepare applicant according to Article 3	d by this Intern 6.	ational Preliminary Examining
2. This REPORT consists of a total	of2 sheets, including	this cover shee	L.
	ed by ANNEXES, i.e., sheets of sis for this report and/or sheets of the Administrative Instructions		on, claims and/or drawings which have ications made before this Authority PCT).
These annexes consists of a total of	sheets.		
3. This report contains indications rel	ating to the following items:		
I X Basis of the report			
II Priority			
III X Non-establishment of op	pinion with regard to novelty, inv	entive step and	industrial applicability
IV Lack of unity of invention	on		
V X Reasoned statement und citations and explanation	er Article 35(2) with regard to n as supporting such statement	ovelty, inventive	e step or industrial applicability;
VI Certain documents cited			
VII Certain defects in the int	ternational application		·
VIII Certain observations on	the international application		
Date of submission of the demand			
and the substitution of the committee	Date o	f completion of	· 1
21/05/2004		08/09/20	004 Spisches Patentame.
Name and mailing address of the IPEA/		ized officer	
European Patent Office D-80298 Munich	EIDE	NFA	ata Alli sa
Tel. (+49-89) 2399-0, Tx: 52365 Fax: (+49-89) 2399-4465		·49-89) 2399 28	28 Salvants
orm PCT/IPEA/409 (cover sheet) P20476 (C	October 2002)		Office aurops
			Office euro



PCT/EP03/12709

I. Basis of the report

The basis of this international preliminary examination is the application as originally filed.

III. Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

The question of whether the claimed invention appears to be novel, to involve an inventive step, or to be industrially applicable has not been the subject of the international preliminary examination in respect of the claims which have not been searched (Article 17(2)(a) or (3) and Rule 66.1(e) PCT); see also international search report).

V. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability

To the extent that the international preliminary examination has been carried out (see item III above), the following is pointed out:

In light of the documents cited in the international search report, it is considered that the invention as defined in at least some of the claims, which have been the subject of an international search report, does not appear to meet the criteria mentioned in Article 33(1) PCT, i.e. does not appear to be novel and/or to involve an inventive step (see international search report, in particular the documents cited X and/or Y and corresponding claim references).

PCT/EP 03/12709

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C12N9/00 A61P31/04

A61P31/12

//C07K16/12,C07K16/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 CO7K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, WPI Data, MEDLINE, EMBASE, PAJ

Calegory °	Citation of document, with indication, where appropriate, of the relevant passages	
	The proposed of the leievalit passages	Relevant to claim No
	WO 02 22573 A (JONES LYN H ;SCRIPPS RESEARCH INST (US); WENTWORTH ANITA D (US); J) 21 March 2002 (2002-03-21) page 8, line 5 - line 8 page 19, line 23 - line 24 page 32; claim 55 page 11	1-47
	WO 02 074812 A (HAREL JOSEE ;UNIV MONTREAL (CA); GIRARD FRANCIS (CA); FAIRBROTHER) 26 September 2002 (2002-09-26) page 23	1,10-15, 21,29-34
	WO 02 059154 A (ABGENIX INC ;HE YUXIAN (US); CORVALAN JOSE R (US); PINTER ABRAHAM) 1 August 2002 (2002-08-01) page 111, line 11 - line 12	1,16-21, 25-39
	 -/ ₋	

 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
in the art.
Authorized officer



Internation Application No
PCT/EP 03/12709

P,X	WENTWORTH PAUL JR ET AL: catalysis of the oxidation SCIENCE (WASHINGTON D C), vol. 293, no. 5536, 7 September 2001 (2001-09- 1806-1811, XP002272072 ISSN: 0036-8075, sentence 1 ANONYMOUS - THE SCRIPPS RESINSTITUTE: "Ozone is produantibodies during bacterial inflammation, Say Scientist Scripps Research Institute' INTERNET ARTICLE - PRESS RE'Online! 14 November 2002 (XP002272074 Retrieved from the Internet (URL: www.scripps.edu/news/p) 'retrieved on 2004-03-02! the whole document BABIOR BERNARD M ET AL: "I antibody-catalyzed ozone genuman neutrophils." PROCEEDINGS OF THE NATIONAL	"Antibody of water" 07), pages SEARCH uced by I killing and ints at the " ELEASE, (2002-11-14), :: press/111402.htm nvestigating neration by		1-47 1-47	do.
P,X	SCIENCE (WASHINGTON D C), vol. 293, no. 5536, 7 September 2001 (2001-09-1806-1811, XP002272072 ISSN: 0036-8075, sentence 1 ANONYMOUS - THE SCRIPPS RESINSTITUTE: "Ozone is produantibodies during bacterial inflammation, Say Scientist Scripps Research Institute' INTERNET ARTICLE - PRESS RE'Online! 14 November 2002 (XP002272074 Retrieved from the Internet CVRL: www.scripps.edu/news/p'retrieved on 2004-03-02! the whole document BABIOR BERNARD M ET AL: "Instibody-catalyzed ozone genuman neutrophils"	of water" 07), pages SEARCH uced by I killing and ints at the ELEASE, (2002-11-14), Elease/111402.htm nvestigating neration by		1–47	
Э,А	ANONYMOUS - THE SCRIPPS RESINSTITUTE: "Ozone is produantibodies during bacterial inflammation, Say Scientist Scripps Research Institute' INTERNET ARTICLE - PRESS RE'Online! 14 November 2002 (XP002272074 Retrieved from the Internet <url:www.scripps.edu news="" p=""> 'retrieved on 2004-03-02! the whole document BABIOR BERNARD M ET AL: "I antibody-catalyzed ozone genuman neutrophils"</url:www.scripps.edu>	uced by I killing and in ts at the ELEASE, (2002-11-14), t: press/111402.htm nvestigating neration by			
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3 M 1	SCIENCES OF THE UNITED STATE (01. 100, no. 6, .8 March 2003 (2003-03-18), .8031-3034, XP002272073 larch 18, 2003 SSN: 0027-8424 (ISSN print) bstract	ES, pages			
				·.'	
				·	



Box I	Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This Inte	ernational Search Report has not been established in respect of certain daims under Article 17(2)(a) for the following reasons:
1. χ	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
	Although claims 21-47 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2.	Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful international Search can be carried out, specifically:
3.	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II	Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This Inte	rnational Searching Authority found multiple inventions in this international application, as follows:
. —	
1.	As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2.	As all searchable claims could be searched without a feet to use
- <u>- ;</u>	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3	As only some of the required additional search fees were timely paid by the applicant, this international Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. N	No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is
r	estricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark o	n Protest The additional search fees were accompanied by the applicant's protest.
	No protest accompanied the payment of additional search fees.



Internat	oplication No
PCT/EP	03/12709

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 0222573	A	21-03-2002	AU CA EP WO	1297002 A 2422586 A1 1367998 A2 0222573 A2	10-12-2003
WO 02074812	A	26-09-2002	CA WO EP	2339436 A1 02074812 A2 1368379 A2	26-09-2002
WO 02059154	A	01-08-2002	CA EP WO	2436091 A1 1373318 A2 02059154 A2	02-01-2004